



1711

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q68366

Shigeru SASAKI, et al.

Group Art Unit: 1711

Appln. No.: 10/062,435

Examiner: Unknown

Confirmation No.: 2654

Filed: February 05, 2002

For: AROMATIC POLYMER PHOSPHONIC ACID DERIVATIVE AND PROCESS FOR PRODUCTION THE SAME

P.M. 5/16/03
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TC 1700 MAIL ROOM

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith.

1. M. Guiver et al., Functional group polysulphones by bromination-metalation", Polymer, Vol. 30, (June 1989), pp. 1137-1142.
2. Japanese Patent Application Publication No. 9-87510, published March 31, 1997 with English Abstract.
3. P. Tavs, "Reaktion von Arylhalogeniden mit Trialkylphosphiten und Benzolphosphonigsäure-dialkylestern zu aromatischen Phosphonsäure-estern und Phosphinsäureestern unter Nickelsalzkatalyse", Chem. Ber. 103, (1970), pp. 2428-2436.

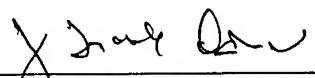
Shigeru SASAKI et al.
10/062,435
INFORMATION DISCLOSURE STATEMENT

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date for an application other than a continued prosecution application (CPA) under § 1.53(d); (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after filing a request for continued examination (RCE) under § 1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

Applicants states the brief statement as Elementary reaction of introducing a phosphonic acid group is described with an English Abstract.

The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

Respectfully submitted,



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WASHINGTON OFFICE



23373

PATENT TRADEMARK OFFICE

Date: May 7, 2003

Substitute for Form 1449 A & B/PTO		<i>Complete if Known</i>	
O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT MAY 07 2003 (Use as many sheets as necessary)		Application Number	10/062,435
		Confirmation Number	2654
		Filing Date	February 05, 2002
		First Named Inventor	Shigeru SASAKI
		Art Unit	1711
		Examiner Name	Unknown
Sheets	1	of	1
		Attorney Docket Number	Q68366

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

OTHER ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation ⁶
		M. Guiver et al., "Functional group polysulphones by bromination-metalation", Polymer, Vol. 30, (June 1989), pp. 1137-1142.	
		P. Tavs, "Reaktion von Arylhalogeniden mit Triakylphosphiten und Benzol-phosphonigsäure-dialkylestern zu aromatischen Phosphonsäure-estern und Phosphinsäureestern unter Nickelsalzkatalyse", Chem. Ber., 103, (1970), pp. 2428-2436 with Abstract.	

Examiner Signature		Date Considered	
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov, MPEP 901.04 or in the comment box of this document. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to indicate here if English language Translation is attached.